

2018 Conference on Optimization and Data Science

March 9-10, 2018

Thompson Rivers University
Kamloops Campus
BC, Canada

Program Schedule

2018 Conference on Optimization and Data Science

Program Schedule

* Each talk includes 30 Min. presentation and 5 Min. question and discussion

** All presentations are in Panorama Room, Third Floor of International Building (IB)

Friday, March 9, 2018.

Morning Session

- 8:30 - 9:00 AM, Registration and Coffee
- 9:00 – 9:10 AM, Opening
- 9:10 – 9:45 AM, **Xuekui Zhang**, CRC, Department of Mathematics and Statistics, University of Victoria
Temporal Curve Alignment for Normalizing Different Batches of Time Course Genomic Experiments
- 9:45 – 10:20 AM, **Abraham P. Punnen**, Department of Mathematics, Simon Fraser University
Title: Representations of quadratic combinatorial optimization problems
- 10:20 – 10:55 AM, **Abdel-Monem Ibrahim**, Department of Mathematics and Statistics, Thompson Rivers University
A Novel Binary Water Wave Optimization for Feature Selection
- 10:55 – 11:30 AM, **Richard Santiago Torres**, Department of Computing Science, University of McGill
Multi-agent Submodular Optimization
- 11:30 AM - 12:50 PM, **Lunch Break. On your own.**

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Friday, March 9, 2018.

Afternoon Session

- 12:50 – 1:25 PM, **Ning Lu**, Department of Computing Science, Thompson Rivers University
Optimal Distributed Scheduling of Real-Time Traffic with Hard Deadline
- 1:25 – 2:00 PM, **Xiaoping Shi**, Department of Mathematics and Statistics, Thompson Rivers University
Modeling High-dimensional Time Series

- 2:00 – 2:35 PM, **Yan Xu**, Department of Mathematics and Statistics, University of Victoria
A Model-Based Clustering to Identify Disease-Associated SNPs
- 2:35 – 3:10 PM, **John Cuzzola**, Department of Computing Science, Thompson Rivers University
Introduction to Semantic Annotation and its Uses in Biomedecine
- 3:10 – Discussion

***** This conference coincident with TRU's annual IDAYS week. The conference guests are welcome to participant the activities.**

2:30 PM The IDAYS Flag Parade

3:00 PM International Showcase - A Festival of Music, Dance, Food and Fashion (TRU Gym)

More info about IDAYS events, please check the events website:

<https://idays2018.sched.com/>

- 6:00 – Conference dinner (Location: TBA)

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**Saturday, March 10, 2018.
Morning Session**

- 8:30 - 9:00 AM, Coffee and snacks
- 9:00 – 9:35 AM, **Mark Schmidt**, CRC, Department of Computer Science, UBC
Is Greedy Coordinate Descent a Terrible Algorithm?
- 9:35 – 10:10 AM, **Mateen Shaikh**, Department of Mathematics and Statistics, Thompson Rivers University
Association Rule Mining Adverse Drug Reactions from Spontaneous Reporting Databases
- 10:10 – 10:45 AM, **Bo Li**, International College of Business and Technology, Tianjing University of Technology, China
Spatial-temporal Pattern of Manufacturing Firm Agglomeration of Beijing-Tianjin-Hebei Region
- 10:45 – 11:20 AM, **Saeed Rahmati**, Department of Mathematics and Statistics, Thompson Rivers University
Hypermatrix Complementarity Problems on a Set of Hypermatrices

END of scheduled presentations